

Please amend the claims as follows:

1. (currently amended) An apparatus for forming curved laminations, comprising:
 - a planar horizontal surface;
 - a first die board, said first die board having a planar lower surface, a first curved upper surface, a first predetermined thickness, first and second sides, and first and second ends;
 - said planar lower surface being disposed upon said planar horizontal surface;
 - a plurality of lamination support members, said support members having parallel top and bottom surfaces, first and second sides, first and second ends, and a second predetermined thickness;
 - said bottom surfaces ~~of adjacent said first end of~~ said lamination support members being disposed upon said first curved upper surface of said first die board;
 - said bottom surfaces adjacent said second end of said lamination support members being disposed upon said planar horizontal surface; and
- whereby, when the planar lower surface of said first die board is disposed upon said horizontal surface and said bottom surfaces adjacent said first ends of said lamination support members are disposed upon the first curved upper surface of the first die board with the bottom surface adjacent the second end of the lamination support members disposed upon the horizontal surface, the top surfaces of the lamination support members will reflect the first curved upper surface of the first die board above a

~~point~~ line where the lamination support members contact said first upper surface and provide a curved surface for laminating veneer portions.

2. (currently amended) An apparatus for forming curved laminations ~~as described in Claim 1, further~~ comprising:

a planar horizontal surface;

a first die board, said first die board having a planar lower surface, a first

curved upper surface, a first predetermined thickness, first and second

sides, and first and second ends;

said planar lower surface being disposed upon said planar horizontal surface;

a plurality of lamination support members, said support members having

parallel top and bottom surfaces, first and second sides, first and second

ends, and a second predetermined thickness;

a second die board, said second die board having a planar lower surface, a

second curved upper surface, a third predetermined thickness, first and

second sides and first and second ends;

said planar lower surface of said second die board being disposed upon said

planar horizontal surface;

said bottom surfaces of said lamination support members being disposed upon

said first and second curved upper surfaces of said first and second die

boards; and

whereby, when the planar lower surfaces of said first and second die boards are disposed upon said horizontal surface and said bottom surfaces of said lamination support members are disposed upon the first and second curved upper surfaces of said first and second die boards, the top surfaces of the lamination support members will reflect the first and second curved upper surfaces of the first and second die boards and provide a curved surface for laminating veneer portions.

3. (currently amended) An apparatus for forming curved laminations as Described in Claim 1 or Claim 2 wherein the lamination support members are cylindrical in cross-section.

4. (currently amended) An apparatus for forming curved laminations as Described in Claim 1 or Claim 2, wherein:

said lamination support members are substantially rectangular in cross-section;

said first side of said lamination support member including a rounded

projecting tongue and said second side of said lamination support

member including a mating rounded, receiving notch; and

whereby, adjacent lamination support members will fit more closely together

while following the first curved upper surface of said first die board,

thereby forming a smoother surface upon which veneer portions are

laminated.

5. (currently amended) An apparatus for forming curved laminations as described in

Claim 1 or Claim 2, further comprising:

an insulating sheet, said insulating sheet being formed of thin, flexible,
resilient material;

said insulating sheet being disposed between top surfaces of the lamination

support members and a lower surface of a veneer portion being

laminated upon said lamination support members; and

whereby, when said insulating sheet is inserted between the lamination support

members and the lower surface of a veneer portion indentations in a

lamination resulting from contact with top surfaces of the lamination

support members will be minimized.

6. (currently amended) An apparatus for forming curved laminations, comprising:

a planar horizontal surface;

a first die board, said first die board having a planar lower surface, a first

curved upper surface, a first predetermined thickness, first and second

sides and first and second ends;

said planar lower surface of said first die board being disposed upon said planar

horizontal surface;

a plurality of lamination support members, said support members having

parallel top and bottom surfaces, first and second sides, first and second

ends, a ~~fourth~~ second predetermined thickness and a first notch disposed upon said bottom surface and spaced inwardly from said first end; said first notch having first and second side walls and a first upper bearing surface; said first notch being sized and shaped to fit slidably over said first predetermined thickness of said first die board; said first upper bearing surface being disposed upon said first curved upper surface; said bottom surfaces adjacent said second end of said lamination support members being disposed upon said planar horizontal surface; and whereby, when the planar lower surface of said first die board is disposed upon said planar horizontal surface and said first ~~notches~~ upper bearing surface of said lamination support members are disposed upon the first curved upper surface of the first die board with the bottom surface adjacent the second end of the lamination support members disposed upon the planar horizontal surface, the top surfaces of the lamination support members will reflect the first curved upper surface of the first die board above a ~~point~~ line where the first ~~notches~~ upper bearing surfaces contact said first upper surface and provide a curved surface for laminating veneer portions.

7. (currently amended) An apparatus for forming curved laminations ~~as described in~~

~~Claim 6, further comprising:~~

a planar horizontal surface;

a first die board, said first die board having a planar lower surface, a first

curved upper surface, a first predetermined thickness, first and second

sides and first and second ends;

said planar lower surface of said first die board being disposed upon said planar

horizontal surface;

a plurality of lamination support members, said support members having

parallel top and bottom surfaces, first and second sides, first and second

ends, a second predetermined thickness and a first notch disposed upon

said bottom surface and spaced inwardly from said first end;

said first notch having first and second side walls and a first upper bearing

surface;

said first notch being sized and shaped to fit slidably over said first

predetermined thickness of said first die board;

said first upper bearing surface being disposed upon said first curved upper

surface;

a second die board, said second die board having a planar lower surface, a

second curved upper surface, the first predetermined thickness, first and

second sides and first and second ends;

said planar lower surface of said second die board being disposed upon said
planar horizontal surface;
a second notch, said second notch being disposed upon said bottom surface and
being spaced inwardly from ~~the~~ said second end of said lamination
support members;
said second notch having first and second side walls and a second upper
bearing surface;
said second notch being sized and shaped to fit slidably over said first
predetermined thickness of said second die board;
said second upper bearing surface being disposed upon said second curved
upper surface; and
whereby, when the planar lower surfaces of said first and second die boards are
disposed upon said planar horizontal surface and said first and second
~~notches~~ upper bearing surfaces of said lamination support members are
disposed upon the first and second curved upper surfaces of said first
and second die boards, the top surfaces of the lamination support
members will reflect the first and second curved upper surfaces of the
first and second die boards and provide a curved surface for laminating
veneer portions.

8. (currently amended) An apparatus for forming curved laminations as described in
Claim 6 or Claim 7, further comprising:

an insulating sheet, said insulating sheet being formed of thin, flexible,
resilient material;

said insulating sheet being disposed between top surfaces of the lamination
support members and a lower surface of a veneer portion being
laminated upon said lamination support members; and

whereby, when said insulating sheet is inserted between the lamination support
members and the lower surface of a veneer portion indentations in a
lamination resulting from contact with top surfaces of the lamination
support members will be minimized.

9. (currently amended) An apparatus for forming curved laminations as described in
Claim 6, wherein:

said first upper bearing surface of said first notch including a downward facing
curve;

said downward facing curve having its lowest point at a vertical centerline of
said lamination support member; and

whereby, when said first notches of said lamination support members ~~is~~ are
disposed upon said first curved upper surface of said first die board,
with the bottom surfaces adjacent the second end of the lamination
support members disposed upon the horizontal surface, the top surfaces
of the lamination support members will more accurately reflect the first
curved upper surface of the first die board above the ~~point~~ line where

said downward facing curve of said first upper bearing surface of said first notch contacts said first curved upper surface and provide a curved surface for laminating veneer portions.

10. (currently amended) An apparatus for forming curved laminations as described in Claim 7, wherein:

said first and second upper bearing surfaces of said first and second notches including downward facing curves;
said downward facing curves having their lowest points at a vertical centerline of said lamination support members; and
whereby, when said first and second ~~notches~~ upper bearing surfaces of said lamination support members are disposed upon said first and second curved upper surfaces of said first and second die boards, the top surfaces of the lamination support members will more accurately reflect the first and second curved upper surfaces of the first and second die boards and provide a curved surface for laminating veneer portions.

11. (currently amended) An apparatus for forming curved laminations as described in Claim 6 or Claim 7, further comprising:

a series of closely spaced cuts extending orthogonally from said first side to said second side and from said top surface toward said bottom surface of said lamination support members;

said cuts permitting said top surfaces to assume a three-dimensional contoured configuration when a three-dimensional object having said configuration on an upper surface is placed between said horizontal surface and said bottom surface of said lamination support members; and

whereby, when said object causes said lamination support members to bend, a surface having compound curves will be formed for laminating veneer portions.

12. (currently amended) An apparatus for forming curved laminations as described in Claim 6 or Claim 7, wherein the first curved upper surface of the first die board includes an upward facing curve extending from the first side to the second side of said first die board.
13. (currently amended) An apparatus for forming curved laminations as described in Claim 6 or Claim 7, wherein the top surface of each lamination support member includes an upward facing curve extending from the first side to the second side of said member.
14. (currently amended) An apparatus for forming curved laminations as described in Claim 6 or Claim 7, wherein:

the first upper bearing surface of said first notch is formed as a portion of an orifice disposed at a first predetermined distance from the top surface of the lamination support member; and

the first and second side walls of said first notch extending upwardly from the bottom surface of said support member and intersecting a lower portion of a perimeter of said orifice.

15. (original) An apparatus for forming curved laminations as described in Claim 14, wherein:

the first upper bearing surface of said first notch includes a downward facing curve extending from the first side to the second side of said lamination support member; and

said downward facing curve having its lowest point at a vertical centerline of said lamination support member.

16. (withdrawn) A method for forming curved laminations, comprising:

providing a planar horizontal surface;

preparing a first die board, said first die board having a planar lower surface, a first curved upper surface, a first predetermined thickness, first and second sides and first and second ends;

said first curved upper surface reflecting a desired curve for at least one end of a lamination;

providing a plurality of lamination support members, said support members

having parallel top and bottom surfaces, first and second sides, first and second ends, a second predetermined thickness;

positioning the lower planar surface of said first die board upon the horizontal surface;

assembling said lamination support members upon said first die board and with the bottom surface adjacent the second end of the lamination support members disposed upon the horizontal surface;

providing an insulating sheet, said insulating sheet being formed of thin, flexible, resilient material and being designed to prevent indentations in a lamination resulting from contact with top surfaces of the lamination support members;

placing said insulating sheet upon the top surfaces of the lamination support members;

preparing at least two veneer portions, said veneer portions being sized and shaped to fit above the top surfaces of said lamination support members;

providing a glue layer between said veneer portions;

placing said veneer portions upon said insulating sheet;

applying pressure to an upper surface of a top veneer portion;

allowing said glue to dry; and

removing the laminated veneer portions from the insulating sheet.

17. (withdrawn) A method for forming curved laminations, comprising:
- providing a planar horizontal surface;
 - preparing a first die board, said first die board having a planar lower surface, a first curved upper surface, a first predetermined thickness, first and second sides and first and second ends;
 - said first curved upper surface reflecting a desired curve for at least one end of a lamination;
 - preparing a second die board, said second die board having a planar lower surface, a second curved upper surface, a third predetermined thickness, first and second sides and first and second ends;
 - said second curved upper surface reflecting a desired curve for at least one end of a lamination;
 - providing a plurality of lamination support members, said support members having parallel top and bottom surfaces, first and second sides, first and second ends, a second predetermined thickness;
 - positioning the lower planar surfaces of said first and second die boards upon the horizontal surface with the first die board parallel to the second die board, said first die board being spaced from the second die board;
 - assembling said lamination support members upon said first and second die boards;

providing an insulating sheet, said insulating sheet being formed of thin,
flexible, resilient material and being designed to prevent indentations in
a lamination resulting from contact with top surfaces of the lamination
support members;
placing said insulating sheet upon the top surfaces of the lamination support
members;
preparing at least two veneer portions, said veneer portions being sized and
shaped to fit above the top surfaces of said lamination support
members;
providing a glue layer between said veneer portions;
placing said veneer portions upon said insulating sheet;
applying pressure to an upper surface of a top veneer portion;
allowing said glue to dry; and
removing the laminated veneer portions from the insulating sheet.

18. (withdrawn) A method for forming curved laminations, comprising:

providing a planar horizontal surface;
preparing a first die board, said first die board having a planar lower surface, a
first curved upper surface, a first predetermined thickness, first and
second sides and first and second ends;
said first curved upper surface reflecting a desired curve for at least one end of
a lamination;

providing a plurality of lamination support members, said support members

having parallel top and bottom surfaces, first and second sides, first and second ends, a fourth predetermined thickness and a first notch disposed upon said bottom surface and spaced inwardly from said first end;

said first notch having first and second side walls and a first upper bearing surface;

said first notch being sized and shaped to fit slidably over said first predetermined thickness of said first die board;

positioning the lower planar surface of said first die board upon the horizontal surface;

assembling said lamination support members upon said first die board with said first notches engaging said first curved upper surface of said first die board and with the bottom surface adjacent the second end of the lamination support members disposed upon the horizontal surface;

providing an insulating sheet, said insulating sheet being formed of thin, flexible, resilient material and being designed to prevent indentations in a lamination resulting from contact with top surfaces of the lamination support members;

placing said insulating sheet upon the top surfaces of the lamination support members;

preparing at least two veneer portions, said veneer portions being sized and shaped to fit above the top surfaces of said lamination support members;

providing a glue layer between said veneer portions;

placing said veneer portions upon said insulating sheet;

applying pressure to an upper surface of a top veneer portion;

allowing said glue to dry; and

removing the laminated veneer portions from the insulating sheet.

19. (withdrawn) A method for forming curved laminations, comprising:

providing a planar horizontal surface;

preparing a first die board, said first die board having a planar lower surface, a first curved upper surface, a first predetermined thickness, first and second sides and first and second ends;

said first curved upper surface reflecting a desired curve for at least one end of a lamination;

preparing a second die board, said second die board having a planar lower surface, a second curved upper surface, said first predetermined thickness, first and second sides and first and second ends;

said second curved upper surface reflecting a desired curve for at least one end of a lamination;

providing a plurality of lamination support members, said support members

having parallel top and bottom surfaces, first and second sides, first and second ends, a fourth predetermined thickness and first and second notches disposed upon said bottom surface and spaced inwardly from said first end and second end, respectively;

said first and second notches having first and second side walls and first and second upper bearing surfaces;

said first and second notches being sized and shaped to fit slidably over said first predetermined thickness of said first and second die boards;

positioning the lower planar surfaces of said first and second die boards upon the horizontal surface with the first die board parallel to the second die board, said first die board being spaced from the second die board by a distance separating said first notch from said second notch;

assembling said lamination support members upon said first and second die boards with said first and second notches engaging said first and second curved upper surfaces of said first and second die boards;

providing an insulating sheet, said insulating sheet being formed of thin, flexible, resilient material and being designed to prevent indentations in a lamination resulting from contact with top surfaces of the lamination support members;

placing said insulating sheet upon the top surfaces of the lamination support members;

preparing at least two veneer portions, said veneer portions being sized and shaped to fit above the top surfaces of said lamination support members;

providing a glue layer between said veneer portions;

placing said veneer portions upon said insulating sheet;

applying pressure to an upper surface of a top veneer portion;

allowing said glue to dry; and

removing the laminated veneer portions from the insulating sheet.

20. (withdrawn) A method for forming curved laminations as described in Claims 16-19, wherein pressure is applied to the upper surface of the top veneer portion by inserting the apparatus for forming curved laminations together with the veneer portions with interleaved glue layer disposed upon the insulating sheet, disposed upon the top surfaces of the lamination support members, into a heavy duty, airtight plastic bag, sealing the bag and evacuating the air from the bag, thereby allowing atmospheric pressure to conform the veneer portions to the insulating sheet and the top surface of the lamination support members.

21. (withdrawn) An apparatus for forming curved laminations, comprising:
- a desired lamination profile, said profile including a planar baseline, and an upper curve;

said baseline having a first end, a second end, and being comprised of a series
of equal-sized increments;

said upper curve, defining a height above said baseline for each increment of
the baseline from said first end to said second end;

a plurality of adjacent lamination support members, said support members
having parallel top and bottom surfaces, first and second sides, first and
second ends, a fifth predetermined thickness equal to said equal-sized
increment;

each of said adjacent lamination support members having a height equal to the
height of the upper curve of the desired lamination profile above the
baseline for one of the equal-sized increments;

means for maintaining said adjacent lamination support members in parallel
alignment to one another, thereby yielding a curved surface defined by
the adjacent top surfaces of said adjacent lamination support members,
said curved surface being suitable for laminating veneer portions.

22. (withdrawn) A method for forming curved laminations, comprising:

developing a desired lamination profile, said profile including a planar
baseline, and an upper curve;

said baseline having a first end, a second end, and being comprised of a series
of equal-sized increments;

said upper curve, defining a height above said baseline for each increment of
the baseline from said first end to said second end;

providing a plurality of adjacent lamination support members, said support
members having parallel top and bottom surfaces, first and second
sides, first and second ends, a fifth predetermined thickness equal to
said equal-sized increment;

each of said adjacent lamination support members having a height equal to the
height of the upper curve of the desired lamination profile above the
baseline for one of the equal-sized increments;

maintaining said adjacent lamination support members in parallel alignment to
one another, thereby yielding a curved surface defined by the adjacent
top surfaces of said adjacent lamination support members, said curved
surface being suitable for laminating veneer portions;

providing an insulating sheet, said insulating sheet being formed of thin,
flexible, resilient material and being designed to prevent indentations in
a lamination resulting from contact with top surfaces of the adjacent
lamination support members;

placing said insulating sheet upon the top surfaces of the adjacent lamination
support members;

preparing at least two veneer portions, said veneer portions being sized and
shaped to fit above the top surfaces of said adjacent lamination support
members;

providing a glue layer between said veneer portions;
placing said veneer portions upon said insulating sheet;
applying pressure to an upper surface of a top veneer portion;
allowing said glue to dry; and
removing the laminated veneer portions from the insulating sheet.

23. (currently amended) An apparatus for forming curved laminations, comprising:
- a planar horizontal surface;
 - a first die board, said first die board having a planar lower surface, a first curved upper surface, a first predetermined thickness, first and second sides and first and second ends;
 - said planar lower surface being disposed upon said planar horizontal surface;
 - a plurality of lamination support members, said support members having top and bottom surfaces, first and second sides, first and second ends, ~~a second predetermined thickness;~~
 - said bottom surfaces of adjacent said first end of said lamination support members being disposed upon said first curved upper surface of said first die board;
 - said bottom surfaces adjacent said second end of said lamination support members being disposed upon said planar horizontal surface; and

whereby, when the planar lower surface of said first die board is disposed upon said planar horizontal surface and said bottom surfaces adjacent said first ends of said lamination support members are disposed upon the first curved upper surface of ~~the~~ said first die board with the bottom surfaces adjacent the second end of the lamination support members disposed upon ~~the~~ said planar horizontal surface, the top surfaces of the lamination support members will reflect the first curved upper surface of the first die board above a ~~point~~ line where ~~the~~ said lamination support members contact said first upper surface and provide a curved surface for laminating veneer portions.

24. (currently amended) An apparatus for forming curved laminations ~~as described in Claim 23, further~~ comprising:

a planar horizontal surface;

a first die board, said first die board having a planar lower surface, a first curved upper surface, a first predetermined thickness, first and second sides and first and second ends;

said planar lower surface being disposed upon said planar horizontal surface;

a plurality of lamination support members, said support members having top and bottom surfaces, first and second sides, first and second ends;

said bottom surfaces adjacent said first end of said lamination support members

being disposed upon said first curved upper surface of said first die

board;

a second die board, said second die board having a planar lower surface, a

second curved upper surface, a third predetermined thickness, first and

second sides and first and second ends;

said planar lower surface of said second die board being disposed upon said

planar horizontal surface;

said bottom surfaces of said lamination support members being disposed upon

said first and second curved upper surfaces of said first and second die

boards; and

whereby, when the planar lower surfaces of said first and second die boards are

disposed upon said planar horizontal surface and said lamination

support members are disposed upon the first and second curved upper

surfaces of said first and second die boards, the top surfaces of the

lamination support members will reflect the first and second curved

upper surfaces of the first and second die boards and provide a curved

surface for laminating veneer portions.

25. (currently amended) An apparatus for forming curved laminations, comprising:

a planar horizontal surface;

a first die board, said first die board having a planar lower surface, a first curved upper surface, a first predetermined thickness, first and second sides and first and second ends;

said planar lower surface of said first die board being disposed upon said planar horizontal surface;

a plurality of lamination support members, said support members having top and bottom surfaces, first and second sides, first and second ends, a fourth predetermined thickness and a first notch disposed upon said bottom surface and spaced inwardly from said first end;

said first notch having first and second side walls and a first upper bearing surface;

said first notch being sized and shaped to fit slidably over said first predetermined thickness of said first die board;

said first upper bearing surface being disposed upon said first curved upper surface;

said bottom surfaces adjacent said second end of said lamination support members being disposed upon said planar horizontal surface; and

whereby, when the planar lower surface of said first die board is disposed upon said horizontal surface and said first notches of said lamination support members are disposed upon the first curved upper surface of the first die board with the bottom surface adjacent the second end of the lamination support members disposed upon the horizontal surface, the

top surfaces of the lamination support members will reflect the first curved upper surface of the first die board above a point where the first notches contact said first upper surface and provide a curved surface for laminating veneer portions.

26. (currently amended) An apparatus for forming curved laminations ~~as described in Claim 25, further~~ comprising:

a planar horizontal surface;

a first die board, said first die board having a planar lower surface, a first

curved upper surface, a first predetermined thickness, first and second

sides and first and second ends;

said planar lower surface of said first die board being disposed upon said planar

horizontal surface;

a plurality of lamination support members, said support members having top

and bottom surfaces, first and second sides, first and second ends, a

fourth predetermined thickness and a first notch disposed upon said

bottom surface and spaced inwardly from said first end;

said first notch having first and second side walls and a first upper bearing

surface;

said first notch being sized and shaped to fit slidably over said first

predetermined thickness of said first die board;

said first upper bearing surface being disposed upon said first curved upper surface;

a second die board, said second die board having a planar lower surface, a second curved upper surface, the first predetermined thickness, first and second sides and first and second ends;

said planar lower surface of said second die board being disposed upon said planar horizontal surface;

a second notch, said second notch being disposed upon said bottom surface and being spaced inwardly from the second end of said lamination support members;

said second notch having first and second side walls and a second upper bearing surface;

said second notch being sized and shaped to fit slidably over said first predetermined thickness of said second die board;

said second upper bearing surface being disposed upon said second curved upper surface; and

whereby, when the planar lower surfaces of said first and second die boards are disposed upon said horizontal surface and said first and second notches of said lamination support members are disposed upon the first and second curved upper surfaces of said first and second die boards, the top surfaces of the lamination support members will reflect the first and

second curved upper surfaces of the first and second die boards and
provide a curved surface for laminating veneer portions.